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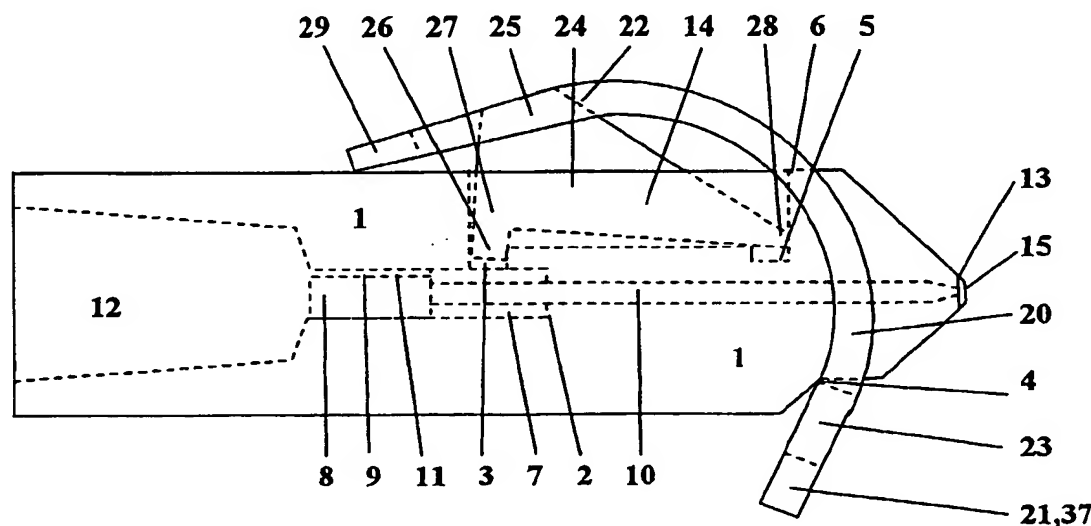
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(54) Title: JET INJECTOR WITH A BI-STABLE SPRING



(57) Abstract: A jet injector is described in which a rigid tube (1) terminates in a nozzle (15) at one end and a non return valve (46) at the other. There is a hole (3) in the tube wall and an elastomeric liner (11) within the rigid tube (1). There is also a C spring attached to a rotatable mass (24), which in turn bears a piston (26). The spring is bi-stable. It may be cocked manually and triggered by pressure on the skin such that the mass is accelerated and the piston impacts on the elastomeric liner to produce a high pressure transient. This in turn produces a liquid jet that pierces the skin and permits administration of the drug through the hole so formed, using a the piston in a standard syringe.

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